



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/577,183	03/12/2007	Jun Matsukama	A4-122 US	1437
7590	10/18/2007		EXAMINER	
Charles S Cohen Molex Incorporated 2222 Wellington Court Lisle, IL 60532			TA, THO DAC	
			ART UNIT	PAPER NUMBER
			2833	
			MAIL DATE	DELIVERY MODE
			10/18/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/577,183	MATSUKAMA ET AL.	
	Examiner Tho D. Ta	Art Unit 2833	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on _____.
- 2a) This action is **FINAL**. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-10 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 25 April 2006 is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>3/12/07</u> . | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| | 6) <input type="checkbox"/> Other: _____. |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-10 are rejected under 35 U.S.C. 102(b) as being anticipated by Nogami (6,394,827).

In regard to claim 1, Nogami discloses a memory card connector, including: an insulative housing (4) having a rear terminal-mounting section (6) which mounts a plurality of terminals (11) having contact portions (12) for engaging appropriate contacts on a memory card (1); a metal shell (5) mounted on the housing and combining therewith, to define a cavity having a front insertion opening to permit insertion and withdrawal of the memory card (1) into and out of the connector; a card eject mechanism including a slider (3) movably mounted on the housing (4) and engageable with the memory card (1) for movement therewith into and out of the cavity, the slider (3) having a cam slot (42-44) defining movement of the card in the card-insertion and card-withdrawal directions; and a cam pin (68) operatively engageable in the cam slot of the slider, the memory card connector characterized in that the cam pin is formed from the metal shell (5).

In regard to claim 2, Nogami discloses the cam pin comprises a projection (68) stamped and formed out of the metal shell (5).

In regard to claim 3, Nogami discloses the projection (68) is near a distal end of a flexible arm (67) stamped and formed out of the metal shell (5).

In regard to claim 4, Nogami discloses metal shell (5) includes a top cover plate overlying at least a portion of the cavity and at least one side wall plate (66) depending from the top cover plate.

In regard to claim 5, Nogami discloses the cam pin comprises a projection (58) stamped and formed out of the side wall plate (66) of the metal shell (5).

In regard to claim 6, Nogami discloses projection (68) is near a distal end of a flexible arm (67) stamped and formed out of the side wall plate (66) of the metal shell (5).

In regard to claim 7, Nogami discloses the cam pin comprises a projection (68) stamped and formed out of the top cover plate of the metal shell (5).

In regard to claim 8, Nogami discloses the projection (68) is near a distal end of a flexible arm (67) stamped and formed out of the top cover plate of the metal shell (5).

In regard to claim 9, Nogami discloses the metal shell (5) includes a flexible arm (67) stamped and formed therefrom, and the cam pin (68) is formed by a bent portion near a distal end of file flexible arm (67).

In regard to claim 10, Nogami discloses the metal shell (5) includes a flexible arm (67) stamped and formed therefrom, and the cam pin comprises a post (69) attached to a distal end of the flexible arm.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tho D. Ta whose telephone number is (571) 272-2014. The examiner can normally be reached on M-F (8:00-5:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula A. Bradley can be reached on (571) 272-2800 ext 33. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system.

Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see

Application/Control Number: 10/577,183

Page 5

Art Unit: 2833

<http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



THO D. TA
PRIMARY EXAMINER

tdt
10/15/07